

University of Colorado Denver  
Department of Civil Engineering

**Prerequisite Requirements for Graduate Study  
in  
Hydrologic, Environmental and Sustainability Engineering (HESE)**

12 August 2025

**Master of Science (MS)**

- Applicants with a BS in civil engineering do not need additional coursework for admission to the MS.
- Applicants with a BS in other engineering fields may be considered for the MS at reviewer discretion.

**Master of Engineering (MEng)**

- Applicants with a BS in any engineering field do not need additional coursework for admission.
- Applicants with a non-engineering undergraduate degree will be considered with the following courses completed:
  - 1 semester of math (precalculus, calculus, or statistics)
  - 1 semester of basic science (physics, chemistry, biology, geology, or environmental science)
- To transfer from the MEng to the MS, complete the following courses:

<b>Prerequisite</b>	<b>CU Denver Course</b>	<b>Graduate version</b>
Fluid Mechanics	CVEN 3313	(none)
Environmental Engineering	CVEN 3401	CVEN 5401
Statistics	CVEN 3611	CVEN 5611
Computer Programming	ENGR 1100	ISMG 6020
Linear Algebra & Differential Equations	MATH 3195	(none)